

LEVINSON, L.B.; POPOVA, L.D.; SAKHAROV, D.A.

Histochemistry of nerve cells of the auditory ganglion in connection with their functional development in the ontogenesis of axolotl embryos. Dokl. AN SSSR 124 no.6:1317-1320 F '59.
(MIRA 12:3)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
Predstavleno akademikom Ye.N. Pavlovskim.
(EAR--INNERVATION) (EMBRYOLOGY--AMPHIBIA)

CHESNOKOV, A.A.; ZHERDEVA, L.G.; Primalni uchastiye: KOZHEVNIKOV, S.A.;
PYATILETOVA, N.I.; POPOVA, L.D.; LEVINA, L.P.

Effect of resins on the process of dewaxing of residual
raffinates. Khim. i tekhn. topl. i masel 8 no. 7:23-30 JI '63.
(MIRA 16:7)

1. KNII NP i Vsesoyuznyy nauchno-issledovatel'skiy institut
po pererabotke nefi i gazov i polucheniyu iskusstvennogo
zhidkogo topliva.
(Petroleum—Refining) (Paraffin wax)

FEDOTENKOV, A.G.; DANILOVA, L.A.; POPOVA, L.D.

Study of the histological changes in cadaver skin during the process of its preservation in solutions. Probl.gemat.i perel. krovi no.7:44-47 '62. (MIRA 15:9)

1. Iz Tsentral'nogo ordena Lenina Instituta gematologii i perelivaniya krovi (dir. - dotsent A.Ye. Kiselev) Ministerstva zdravookhraneniya SSSR.
(SKIN GRAFTING) (CADAVERS) (TISSUES---PRESERVATION)

KULAGIN, S.M.; FUKI, A.D.; ZUBKOVA, R.I.; POPOVA, L.D.

Result of double vaccination against Q fever. Zhurn. mikrobiol. epid. i
immun. 29 no.11:25-29 N '58. (MIRA 12:1)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR
i Krasnodarskoy krayevoy sanitarno-epidemiologicheskoy stantsii.
(Q FEVER, prev. & control,
vacc., two-stage (Rus))

POPOVA, L.P.

Experiments in the oxidation of divalent iron and manganese. Khim.
v shkole 15 no.6:72 N-D '60. (MIRA 13:11)

1. Pedagogicheskiy institut imeni Lenina, Moskva.
(Iron) (Manganese)

CHERNOV, M.S.; dots.; MIKEROVA, V.V., dots.; VORSINA, M.A., dots.;
KUVSHINNIKOV, I.M., dots.; MIL'CHEV, V.A., dots.; MAYYER,
M.M., prepod.; IVANOVA, V.M., assist.; TITOV, V.F., prepod.;
GRISHINA, L.V., assist.; BELIAYEVA, Ye.M., assist.; POPOVA,
L.F., assist.; GUSEV, S.P., prof., red.; SERGEYEVA, A.S.,
tekhn. red.

[Laboratory manual on general chemistry; for the students
of the institutions of higher learning specializing in the
study of commodities and technology] Rukovodstvo k praktiche-
skim zaniatiyam po obshchei khimii dlia studentov tovarove-
denykh i tekhnologicheskikh spetsial'nostei vysshikh ucheb-
nykh zavedenii. Pod obshchei red. S.P.Guseva. Moskva, 1962.
(MIRA 16:9)
206 p.

1. Moscow. Institut narodnogo khozyaystva. Kafedra obshchey
khimii.

(Chemistry--Laboratory manuals)

POPOVA, L.F.; ROGOZHIN, V.K.; KONOVALOV, V.N. (Dnepropetrovsk);
GRUTSEVICH, V.D., uchitel'; LUTSIK, P.P., uchitel'

Editor's mail. Khim. v shkole 16 no.6:84-86 N-D '61. (MIRA 14:11)

1. Direktor Stalingradskoy oblastnoy stantsii yunyh tekhnikov
(for Gorozhin). 2. Srednyaya shkola No.1, g. Gorlovka, USSR
(for Grutsevich). 3. Budishchanskaya srednyaya shkola, Poltavskaya
oblast', USSR (for Lutsik).
(Chemistry—Study and teaching)

POPOVA, L.G.

Toxic effect of streptomycin on a macroorganism. Trudy Inst.
norm. i pat. fiziol. AMN SSSR no.1:175-179 '58 (MIRA 16:12)

1. Iz laboratorii eksperimental'noy terapii (zav. - doktor
med. nauk. A.M.Chernukh) Instituta noraml'noy i patologiches-
koy fiziologii AMN SSSR.

POPOVA, L.F.

Experiments in decomposing mercury thiocyanate and ammonium dichromate.
Khim. v shkole 18 no.5:71 S-0 '63. (MIRA 17:1)

POPOVA, L.F.; KLYUCHNIKOV, N.G.

Preparation of various glasses in the laboratory. Khim. v shkole
15 no.2:82-85 Mr-Apr '60. (MIRA 14:5)

1. Kafedra obshchey khimii Moskovskogo gosudarstvennogo pedagogicheskogo instituta imeni V.I.Lenina.
(Glass)

DO IN SEB; KIRILLOVA, L.F.; MARKOV, P.K.; POPOVA, L.G.; SILIN, I.N.;
TSYGANOV, E.N.; SHAFRANOVA, M.G.; SHAKHBAZIAN, B.A.; YULDASHEV, A.A.

[Proton-proton scattering at an energy of 8.5 Bev] Rasseyaniye
protona na protone pri energii 8,5 Bev. Dubna, Ob"edinennyyi in-t
iadernykh issledovaniy, 1961. 17 p. (MIRA 14:12)

1. Fiziko-tekhnicheskiy institut AN Uzbekskoy SSR (for Yuldashev).
(Protons—Scattering)

POPOVA, L. G., CAND MED SCI, "CERTAIN PROBLEMS OF EXPERIMENTAL THERAPY OF TUBERCULOSIS." MOSCOW, 1961. (ACAD MED SCI USSR). (KL, 3-61, 234).

SIDELEV, N.P., inzh.; TRIGUB, M.Yu., inzh.; POPOVA, L.G., inzh.

Economic efficiency of the use of multiple-purpose attachments
with interchangeable parts. Sbor. st. NIITIAZHMASHa Uralmashzavoda
no.4:134-142 '64. (MIRA 17:12)

POPOVA, L.G. (Moskva)

Problem of specific and nonspecific methods of treating
experimental tuberculosis. Pat.fiziol. i eksp.terap. 3
no.2:47-51 Mr-Apr '59. (MIRA 12:6)

1. Iz laboratorii eksperimental'noy terapii (zav. - doktor
meditsinskikh nauk A.M.Chernukh) Instituta normal'noy i patologi-
cheskoy fiziologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR
prof.V.N.Chernigovskiy).

(TUBERCULOSIS, exper.

eff. of streptomycin & bismuth carbonate,
comparison in rabbits (Rus))

(STREPTOMYCIN, eff.

on tuberc. in rabbits, comparison with
bismuth carbonate (Rus))

(BISMUTH, eff.

carbonate, on tuberc. in rabbits, comparison
with streptomycin (Rus))

POPOVA, L.G.

32-9-17/43

AUTHOR:

Ivanov, A.G., Kruchinina, Ye.V., Popova, L.G.

TITLE:

The Control Method and the Scale of Carbide Heterogeneity in Highly Alloyed Chromium Tool Steels (Metodika kontrolya i shkala karbidnoy neodnorodnosti vysokokhromistyykh instrumental'nykh staley)

PERIODICAL:

Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 9, pp. 1088-1091 (USSR)

ABSTRACT:

A special scale for controlling carbide heterogeneities in a highly carbonized and highly alloyed chromium steel is worked out. For this purpose samples from 184 melts of the "Elektrostal'" plant, which were rolled up to from 10 to 200 mm, were investigated. First evaluation of carbide heterogeneities was carried out according to the scale of the GOST 5952-51. It is shown that with an increase of the diameter of the rolling material, i.e. with a reduction of the degree of buckling, the characteristic value of the carbide heterogeneity becomes greater. Investigation of the microstructure showed that the character of carbide distribution is the same in all investigated types of steel, in dependence on the degree of buckling. However, the size of the carbide particles is considerably larger in Kh 12 steel than in Kh 12 m, Kh 12 F and Kh 12 F 1 steel. The scale shows the carbide heterogeneity of the rolling material from 10 to 160 mm. The basic characteristic feature of the micro-

Card 1/2

The Control Method and the Scale of Carbide Heterogeneity in Highly Alloyed Chromium Tool Steels

32-9-17/43

structure distribution according to characteristic values is the character of the eutectic carbides, which, in turn, depend on the degree of buckling in rolling or forging. The control method for heterogeneities according to the scale mentioned is described. There are 3 figures and 2 tables.

ASSOCIATION: Central Scientific Research Institute for Iron Metallurgy and the "Elektrostal'" Plant (Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii i zavod "Elektrostal'")

AVAILABLE: Library of Congress

Card 2/2

DO IN SEB; KIRILLOVA, L.F.; MARYOV, P.K.; POPOVA, L.G.; SILIN, I.N.;
TSYGANOV, E.N.; SHAFRANOVA, M.G.; SHAKPBAZIAN, B.A.; YULDASHEV, A.A.

Proton-proton scattering at an energy of 8.5 Bev. Zhur. eksp. i
teor. fiz. 41 no.6:1748-1756 D '61. (MIRA 15:1)

1. Ob"yedinennyy institut yadernykh issledovaniy. 2. Sotrudnik
Fiziko-tekhnicheskogo instituta AN Uzbekskoy SSR (for Yuldashev).
(Protons--Scattering)

PETRZILKA, V., POPOVA, L. G., SUK, M. SHAKHMBASYAN, B. A.

"Inelastic Interactions of η -Mesons of Momenta 7 GeV/c with Nucleons"

report presented at Intl. Conference on High Energy Physics, Geneva,
4-11 July 1962

Joint Institute for Nuclear Research
Laboratory of High Energies, Dubna, 1962

S/056/61/041/006/010/054
B108/B138

AUTHORS: To Ying Hsieb, Kirillova, L. F., Markov, P. K., Popova, L. G.,
Silin, I. N., Tsyganov, E. N., Shafranov, M. G.,
Shakhbazyan, B. A., Yuldashev, A. A.

TITLE: 8.5-Bev proton-proton scattering

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 41,
no. 6(12), 1961, 1748-1756

TEXT: Continuing previous work (V. B. Lyubimov et al. ZhETF, 37, 910, 1959; P. K. Markov et al. ZhETF, 38, 1471, 1960) the authors studied elastic proton-proton scattering at energies of 8.5 Bev, using photographic emulsions of the HMKEW-5P (NIKFI-BR) type. The primary proton beam of $(2.01 \pm 0.05) \cdot 10^5$ particles/cm² (from the proton synchrotron of the Joint Institute of Nuclear Research) struck the emulsion perpendicularly. The emulsion contained $(2.90 \pm 0.06) \cdot 10^{22}$ hydrogen atoms per cm³. 354 elastic scattering events (plus 145 of previous work) were found. The elastic scattering cross section was 8.74 ± 0.40 millibarns. Conclusions: (1) The mean square p-p interaction radius is

Card 1/2

ACC NR: AP6028193 (A) SOURCE CODE: UR/0032/66/032/006/0719/0720

AUTHORS: Arkhipova, A. V.; Kudel'kin, V. P.; Lyubinskaya, M. Ya.; Milenin, Ye. N.; Popova, L. G.

ORG: "Elektrostal'" Factory (Zavod "Elektrostal'")

TITLE: Determination of decarburization in bright-drawn high-speed steel by the thermoelectric potential method

SOURCE: Zavodskaya laboratoriya, v. 32, no. 6, 1966, 719-720

TOPIC TAGS: thermoelectric sensor, decarburization, high speed steel, carbon steel/ R9 tool steel, R18 tool steel

ABSTRACT: A method for determining decarburization in bright-drawn high-speed steel is briefly described. The method is based on measuring the thermoelectric potential between the metal surface and a copper electrode clamped to the surface, and by comparing this potential with the potential obtained between couples of known composition. Experiments were performed on steels R9, R18, and others (not listed in report) using a copper electrode at 160--170C (some results are tabulated). The decarburization criterion is specified by GOST 5952-63 as <0.7% carbon in the surface layer for steel R18 and <0.85% for steel R9. It was found that a meter reading of >7 (unspecified scale) indicated decarburization in 72--100% of the specimens (checked by chemical analysis). It was concluded that this method is sufficiently sensitive to carbon content in the surface layer to be of practical importance. Orig. art. has: 1 figure and 1 table.

SUB CODE: ||13/ SUBM DATE: none/ ORIG REF: 002 UDC: 620.183

Card 1/1

BIRYUKOV, V.M., inzh.; POPOVA, L.I., tekhnik

Determining the content of liberated hydrogen in hard-faced metal.
[Trudy]LMZ no.11:335-341 '64. (MIRA 17:12)

POPOVA, L.I.

Functional state of the thyroid gland after the treatment ..
of thyrotoxicosis with medicinal agents. Zdrav. Bel. 8 no.6:
13-15 Je'62. (MIRA 16:8)

1. Iz kafedry rentgenologii i meditsinskoy radiologii (zav.
kafedroy dotsent M.S.Perlin) Vitebskogo meditsinskogo insti-
tuta.

(HYPERTHYROIDISM) (IODINE ISOTOPES)
(THYROID GLAND)

P. Popov, L.I.
USPR/Human and Animal Physiology - Internal Secretion.

V-7

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18421
Author : M.S. Ferlin, Yu.L. Dozorets and L.I. Popova
Inst : -
Title : Treatment of Thyrotoxicosis with Radioactive Iodine.
Orig Pub : Zdravookhr. Belorussii, 1956, No 8, 25-27
Abstract : No abstract.

Card 1/1

POPOVA, L.I., Cand. Med. Sci., — (diss) "Condition of the function of the thyroid gland after treatment of thyreotoxicoses according to radioactive indication data," Smolensk, 1961, 19 pp (Smolensk State Medical Institute)
200 copies (KI-Supp 9-61, 192)

POPOVA, L.I., assistant; SIPAROVA, L.S., klinicheskiy ordinator

Treatment of erythremia with radioactive phosphorus P^{32} .

Zdrav.Belor. 4 no.3:60 M_r '58.

(MIRA 13:7)

1. Iz kafedry rentgenologii i meditsinskoy radiologii zavedu-
yushchiy - dotsent M.S. Perlin) i kafedry propedevticheskoy terapii
(zaveduyushchiy - professor I.M. Lipets) Vitebskogo meditsinskogo
instituta.

(ERYTHREMIA)

(PHOSPHORUS--ISOTOPES)

DOMASHOVA, A.A., otv.red.; POPOVA, L.I., red.; GAMALITSKAYA, N.A., red.;
SOROMBAYEVA, N.V., red.izd-va; ANOKHINA, M.G., tekhn.red.

[Materials of the First Coordinating Conference of Mycologists of
the Central Asian Republics and Kazakhstan, 1955] Materialy Pervogo
koordinatsionnogo soveshchaniya mikologov respublik Sredney Azii i
Kazakhstana. Frunze, Izd-vo Akad.nauk Kirgizskoi SSR, 1960. 182 p.
(MIRA 13:9)

1. Koordinatsionnoye soveshchaniye mikologov respublik Sredney Azii
i Kazakhstana. 1st, 1955. 2. Institut botaniki AN Kirgizskoy SSR
(for Gamalitskaya).

(Soviet Central Asia--Mycology)

KORNEVA, I.G.; POPOVA, L.I., red.; ANOKHINA, M.G., tekhn.red.

[Station geobotanical investigations in the Susamyr Valley]
Statsionarnye geobotanicheskie issledovaniia Susamyrskoi
doliny. Frunze, Izd-vo Akad.nauk Kirgizskoi SSR, 1959.
174 p. (MIRA 13:7)
(Susamyr Valley--Phytogeography)

NIKITINA, Ye.V.; AYDAROVA, R.A.; KASHCHENKO, L.I.; UBUKEYEVA, A.U.;
POPOVA, L.I.; TKACHENKO, V.I.; GOLOVKOVA, A.G., SHPOTA, Ye.I.;
FILATOVA, N.S.; SHARASHOVA, V.S.; VVEDENSKIY, A.I., nauchnyy red.;
VYKHODTSEV, I.V., red.; ANOKHINA, M.G., tekhn.red.

[Flora of the Kirghiz S.S.R.; key to the plants of the Kirghiz
S.S.R.] Flora Kirgizskoi SSR; opredelitel' rastenii Kirgizskoi
SSR. Sost. E.V.Nikitina i dr. Nauchn.red. A.I.Vvedenskii. Frunze,
Izd-vo Akad.nauk Kirgizskoi SSR. Vol.8. [The carrot, dogwood, winter-
green, heath, primrose, leadwort, olive, gentian, dogbone, milkweed,
and morning-glory families] Semeistva: zontichnye, kizilovye, grushan-
kovye, vereskovye, pervotsvetnye, svinchatkovye, maslinovye, gore-
chavkovye, kutrovye, lastovnevy, v'iunkovye. 1959. 222 p. Vol.9.
[The mint and nightshade families] Semeistva: gubotsvetnye i pasle-
novye. 1960. 213 p.

(MIRA 13:7)

(Kirghizistan--Dicotyledons)

USSR / Human and Animal Physiology. Internal Secretion, Thyroid Gland T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70332

Author : Popova, L. I.

Inst : Vitebsk Medical Institute

Title : The Use of Radioactive Iodine in Determination of the
Functional Status of the Thyroid Gland

Orig Pub : Sb. nauch. rabot. Vitebskiy med. in-t., 1957, No 8, 213-216

Abstract : No abstract given

Card 1/1

KATINA, A.M.; POPOVA, L.I.

Renal osteodystrophy. Vest. rent. i rad. 37 no.1:67-68 Ja-F '62.
(MIRA 15:3)

1. Iz kafedry rentgenologii i radiologii (rav. - dotsent
M.M. Mikhaylov) Voronezhskogo gosudarstvennogo meditsinskogo
instituta (rektor - prof. N.I. Odnoralov).
(RICKETS)

POPOVA, L.I.; ASSORINA, I.A.; BAKALO, V.Ya.; VYKHODTSEV, I.V., red.;
~~ANOKHINA~~, M.G., tekhn.red.

[Recommendations for establishing meadows on the Dzhety-Oguz Upland of Kirghizistan] Kyrgyz SSRin Zheti-Oguz raionunun syrtynda chop chabyndylardy tuzuu boluncha rekomendatsia. Rekomendatsii po sozdaniu senokosov na Dzhety-Oguzskikh syrtakh Kirgizskoi SSR. Frunze, Izd-vo Akad.nauk Kirg.SSR, 1959. 44 p. (MIRA 12:11)

1. Akademiya nauk Kirgizskoy SSR. Institut botaniki.
(Dzhety-Oguz District--Pastures and meadows)

NIKITINA, Ye.V.; POPOVA, L.I.; AYDAROVA, R.A.; KASHCHENKO, L.I.; PROTOPOPOV,
G.F.; UBUKYEVA, A.U.; TKACHENKO, V.I.; KORNEVA, I.G.; OBOZOV, A.O.;
GOLOVKOVA, A.G.; VVEDENSKIY, A.I., nauchnyy redaktor; TSYBINA, Ye.7.,
tekhnicheskiiy redaktor

[Flora of the Kirghiz S.S.R.; guide to plants of the Kirghiz S.S.R.]
Flora Kirgizskoi SSR; opredelitel' rastenii Kirgizskoi SSR. Frunze,
Izd-vo AN Kirgizskoi SSR. Vol.7. 1957. 642 p. (MLRA 10:9)
(Kirghizistan--Botany)

ASSORINA, Iraida Aleksandrovna; POPOVA, L.I., kand. biol. nauk,
otv. red.

[Biology of seeded perennial grasses in the Alpine region of
the central Tien Shan] Biologiya mnogoletnikh seiannykh trav
v usloviakh vysokogor'ia Tsentral'nogo Tian'-Shania. Frunze,
Izd-vo AN Kirg.SSR, 1963. 132 p. (MIRA 17:7)

1. Rukovoditel' statsionara Instituta botaniki AN Kirgiz.SSR
(for Popova).

POPOVA, L.I.; PROSKURNIKOVA, T.A.; KIRSANOVA, Yu.V.; SHPOTTA, L.A.

Tau-saghyz species of Kirghizia. Trudy Inst.bot. i rast.KirFAN
SSSR no.1:11-23 '54. (MIRA 10:1)
(Kirghizistan--Tau-saghyz)

POPOVA, L.I.; PROSKURNIKOVA, T.A.; KIRSANOVA, Yu.V.; SHPOTTA, L.A.

Tau-saghyz species of Kirghizia. Trudy Inst.bot. i rast.KirVAN
SSSR no.1:11-23 '54. (MIRA 10:1)
(Kirghisistan--Tau-saghyz)

POPOVA, L.I.

Kirghiz cobresia. Trudy Biol.inst.KirFAN SSSR no.3:97-101 '50
(KIRGHIZISTAN--CORRESIA) (MLRA 8:5)

DOMASHOVA, A.A.; POPOVA, L.I., otv.red.; SORONBAYEVA, N.V., red.izd-vs;
ANOKHINA, M.G., tekhn.red.

[Fungi of the Terskey Ala-Tau, Kirghiz S.S.R.] Mikoflora khrebt
Terskei Ala-Too Kirgizskoi SSR. Frunze, Akad.nauk Kirgizskoi SSR,
1960. 240 p. (MIRA 13:12)
(Terskey Ala-Tau--Fungi)

POPOVA, L.I.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Nikitina, Ye.V.	"Flora of the Kirgiz SSR"	Kirgiz Affiliate of the
Rozhenits, R.Yu.		Academy of Sciences USSR
Kashchenko, L.I.		
Protopopov, G.D.		
Popova, L.I.		
Shishkin, B.K.		
Vvedenskiy, A.I.		

SO: W-30604, 7 July 1954

POPOVA, L.I.

Changes in thyroid gland function of patients with thyrotoxicosis
following treatment. Zdrav. Belor. 6 no. 10:20-23 0 '60.
(MIRA 13:10)

1. Iz kafedry rentgenologii i meditsinskoy radiologii (zaveduyushchiy
kafedroy - dotsent M.S. Perlin) Vitebskogo meditsinskogo instituta
(direktor - dotsent I.I. Bogdanovich).
(THYROID GLAND—DISEASES)

PERLIN, M.S., dotsent; DOZORETS, Yu.L., dotsent; POPOVA, L.I., assistant

Comparative evaluation of methods of treating thyrotoxicosis with radioactive iodine. Zdrav. Bel. 7 no. 2:22-26 F '61.

(MIRA 14:2)

1. Iz kafedry rentgenologii i meditsinskoy radiologii (zaveduyushchiy-dotsent M.S. Perlin) i kafedry gospi~~tal~~'noy terapii (ispolnyayushchiy obyazannosti zaveduyushchego - dotsent Yu.L. Dozorets) Vitebskogo meditsinskogo instituta (direktor I.I. Bogdanovich).

(THYROID GLAND--DISEASES) (IODINE--ISOTOPES)

VYKHODTSEV, I.V.; GUSAROVA, A.N.; POPOVA, L.I.; IONOV, R.N.; BAKALO, V.Ya.;
TSYBINA, Ye.V., tekhnicheskiy redaktor

[Recommendation for grass seeding and irrigation of mountain
pastures in the Tien Shan and Issyk-Kul provinces and the Susamyr]
Rekomendatsii po vysokogornomu travoseianiiu i orosheniiu pastbishch
v Tian'-Shan'skoi, Issyk-Kul'skoi oblastiakh i na Susamyre. Frunze,
1956. 11 p. (MIRA 9:9)

1. Akademiya nauk Kirgizskoy SSR, Frunze. Institut botaniki.
2. Institut botaniki i Institut vodnogo khozyaystva i energetiki
Akademii nauk Kirgizskoy SSR (for Vykhotsey, Gusarova, Popova, Ionov,
Bakalo)
(Issyk Kul Province--Pastures and meadows)
(Tien Shan Province--Pastures and meadows)

L 27255-66 EWP(j)/EWT(m)/ETC(m)-6 RM/WW

ACC NR: AP6009932

SOURCE CODE: UR/0413/66/000/004/0149/0149

AUTHORS: Arav, R. I.; Akimova, V. A.; Popova, L. I.

ORG: none

TITLE: Method for producing thermal insulating material. Class 80, No. 179214

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 149

TOPIC TAGS: insulating material, thermal insulation

ABSTRACT: This Author Certificate presents a method for producing thermal insulating materials from a mixture of magnesium trihydrocarbonate and asbestos heat-treated at 120--150C. To increase the degree of thermal stability of the material and to decrease its density, the mixture of magnesium trihydrocarbonate and asbestos (after the heat treatment) is subjected to additional baking at 550--600C for 4--6 hours.

SUB CODE: 11/ SUBM DATE: 04Apr64

Card 1/1

UDC: 666.941.2

USSR/Human and Animal Physiology - Blood. Blood Diseases.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 12711

Author : ~~Popova, L.I.~~ Siparova, L.S.

Inst : -

Title : Treatment of Erythremia with Radioactive Phosphorus p32

Orig Pub : Zdravookhr. Belorussii, 1958, No 3, 60

Abstract : Two patients with erythremia were successfully treated with p32. During two years of follow-up the blood indices were normal.

Card 1/1

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PERLIN, M.S.; DOZORETS, Yu.L.; POPOVA, L.I.

Radioactive iodine I^{131} in the treatment of thyrotoxicosis;
results of a 6-year study. Med. rad. 8 no.9:16-20. S'63.
(MIRA 17:4)

1. Iz kafedry rentgenologii i meditsinskoy radiologii (zav. -
dotsent M.S. Perlin) i gosital'noy terapii (zav. - dotsent
Yu.L. Dozcrets) Vitebskogo meditsinskogo instituta.

POPOVA, L.I.

Studying the "syrt" vegetation of the Tien Shan. Probl. bot. 5:228-
236 '60. (MIRA 13:10)

1. Institut botaniki AN Kirgizskoy SSR, g.Frunze.
(Tien Shan--Pastures and meadows)

POPOVA, L.I. (Vitebsk)

Thyroid gland function in patients with thyrotoxicosis following treatment with radioactive iodine (as revealed by radioactive tracers). Probl.endok.i gorm. 7 no.4:69-73 '61. (MIRA 14:8)

1. Iz kafedry rentgenologii i meditsinskoy radiologii (zav. -- dotsent M.S. Perlin) Vitebskogo meditsinskogo instituta.
(THYROID GLAND---DISEASES) (IODINE---ISOTOPES)

POPOVA, Lidiya Ivanovna; VYKHODTSEV, I.V., otv. red.; SORONBAYEVA,
N.B., red.iad-va

[Seasonal dynamics of the development of principal phyto-
coenoses of the upper Naryn Syrts in the central Tien Shan]
Sezonnaia dinamika razvitiia osnovnykh fitotsenozov Verkhne-
Narynskikh syrtov TSentral'nogo Tian'-Shania. Frunze, Izd-
vo AN Kirg.SSR, 1963. 106 p. (MIRA 17:4)

PEYZULAYEV, Sh.I., POPOVA, L.K., SIYUSAREVA, R.L.

Spectrum analysis for the determination of traces of impurities in organic compounds. Zav.lab. 26 no.5:552-553 '60.

(MIRA 13:7)

(Organic compounds) (Trace elements--Spectra)

POPOVA, I.L., agronom; ROVKOVA, T.P., red.; SHCHEPTEVA, T.A., tekhn. red.

[Young plant growers' clubs] Krushki iunykh rastenievodov. Moskva,
Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1957. 122 p.
(MIRA 11:10)

1. Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniya.
Glavnoye upravleniye shkol.
(Vegetable gardening) (Fruit culture)

POPOVA, L.L., agronom; ROVKOVA, T.P., red.; SHCHEPTEVA, T.A., tekhn.red.

[Young plant growers' clubs] Kruzhki iunykh rastenievodov.
Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv. RSFSR, 1957.
122 p. (MIRA 12:4)

1. Russia (1917- R.S.R.S.R.) Ministerstvo prosveshcheniya.
Glavnoye upravleniye shkol.
(Vegetable gardening) (Fruit culture)

IGLOVA, L. M.

"The Coagulation and Clarification of Waters from Coal Beneficiation Plants
in the City of Karaganda."

report presented at the Conference on Beneficiation of Useful Minerals, sponsored
by the Learned Council of the IGP, AS USSR, Balakhash/Karagands, 29 Nov - 4 Dec 1960.

POPOVA, L.M.

Semigroups of partial endomorphisms of a set with a relation. Sib. mat.
zhur. 4 no.2:304-317 Mr-Apr '63. (MIRA 16'3)
(Groups, Theory of) (Topology)

POPOVA, L.M.

Determinative ratios of certain semigroups of partial transformations of a finite set. Uch.zap.Ped.inst.Gerts. 218:191-212 '61. (MIRA 14:10)
(Groups, Theory of)

POPOVA, L. M.

"Data on the Experimental Study of Mite Encephalitis." Thesis for degree of Cand. Medical Sci. Sub 16 Mar 50, Acad Med Sci USSR.

■ Summary 71, 4 Sep 52. Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950.

USSR/Medicine - Virus Diseases

Jul/Aug 52

"Problem of Poliomyelitis in the USSR," N. V. Konova-
lov, L. M. Popova

"Pediatriya" No 4, pp 5-14

Current article lays claim to the effect that Soviet
scientists Chumakov, Voroshilova, and Levkovich iso-
lated 2 distinctive polio-carrying viruses, patho-
genic to humans, monkeys, and certain rodents. Dis-
carding "Western Theories," authors elaborate on the
Pavlov theory of influence of the environment on a
human organism, state that recent research and expts
have conclusively demonstrated that pathological
changes of the central nervous system in polio

221T34

Infection are not limited to the spinal cord but af-
fect the cerebral cortex as well, and assert that
entry of the polio virus into the human body has been
experimentally proven to take place through the gas-
trointestinal and respiratory tracts. Disclaiming
epidemic proportions of polio in the USSR, the authors
admit that poliomyelitis ranks 1st on the list of
virus-caused crippling diseases of children in the
USSR. Describe the use of sera, gamma globulin,
dibazol, and proserine in the therapy of polio.

221T34

POPOVA, L. M.

POPOVA, L. M.

USSR Medicine - Encephalitis

Jun 52

"Sense of Smell in Tick-Borne Encephalitis,"
A. N. Shapoval, L. M. Popova, Chair of Nerve Dis-
eases, MII Med Acad Imeni S. M. Kirov and Inst
of Neurol, Acad Med Sci USSR

"Zhur Nevropatol i Psikhiat" Vol 52, No 6, pp 58-60

Describes research on the effects of tick-borne
encephalitis on the sense of smell. Expts con-
ducted according to Usberg and Levi's system re-
vealed that, in cases of epidemic or recently
contracted encephalitis, the threshold of

234742

sensibility was increased up to a state of anos-
mia, becoming hyperosmia in chronic stages of the
disease. Pronounced inflammatory and degenera-
tive changes were observed in the 2d and 3d neu-
rons of the olfactory receptor. Authors believe
that a total lack of smell observed in the acute
stages of the disease is gradually recovered with
convalescence, and remains as a residual defect
only in rare cases.

234742

POPOVA, L. M.

ROBINSON, I.A.; BIBIKOVA, A.F.; POPOVA, L.M.; VITING, A.I.; YUROVETSKAYA, A.L.

Certain peculiarities of histopathology of experimental poliomyelitis.
Zh. nevropat. psikhiat., Moskva 53 no.3:225-231 Mar 1953. (CML 25:1)

1. Institute of Neurology of the Academy of Medical Sciences USSR.

POPOVA, L.M.; AVAKYAN, A.A.

Intranuclear occlusion in poliomyelitis. Zhur.nevr.i psikh. 53 no.6:450-
454 Je '53. (MLRA 6:6)

1. Laboratoriya gistopatologii nervnoy sistemy i laboratoriya virusnykh
neyroinfektsiy Instituta nevrologii Akademii meditsinskikh nauk SSSR.
(Poliomyelitis)

Detailed description of the results of a microscopic examination of brain specimens obtained from children and monkeys who died of poliomyelitis. Authors state that oxyphilic inclusions were observed in the cytoplasm and nucleus of affected nerve cells. The occlusions differed from those observed in herpes and tick-borne encephalitis in size and structure and showed a characteristic change of the nucleus containing the occlusions. In contrast to Negri bodies found in rabies of dogs, the polio intranuclear occlusions show a positive reaction for thymonucleic acid.

256T61

POPOVA, L.M.; ZAKHAROVA, M.S.

Chronic tick-borne encephalitis; experimental observations. Zhur.
mikrobiol. epid. i immun. no.10:54-58 O '54. (MLRA 8:1)

1. Iz Instituta nevrologii AMN SSSR (dir. prof. N.V.Kononov) i
iz otdela virologii Instituta epidemiologii i mikrobiologii imeni
pochetnogo akademika N.F.Gamalei AMN SSSR (dir. prof. V.D.Timakov)
(ENCEPHALITIS, EPIDEMIC, experimental,)

POPOVA, L.M.; LUNEV, D.K.

Isolated facial nerve paralysis in poliomyelitis in children. Zhur.
nevr. i psikh. 55 no.2:123-129 F '55. (MLRA 8:4)

1. Klinicheskoye otdeleniye neyroinfektsiy (zav. prof. L.G.Chlenov)
Instituta nevrologii (dir. prof. N.V.Konovlaoov) AMN SSSR.

(PARALYSIS,
facial, in polio. in child.)
(NERVES, FACIAL, paralysis,
in polio. in child.)
(POLIOMYELITIS, complications,
facial paralysis)

AVAKYAN, A.A.; POPOVA, L.M.

Fluorescence microscopy of neurons of ventral cornua of the spinal cord under normal conditions and in poliomyelitis. Zhur.nevr. i psikh. 56 no.5:375-381 '56. (MLRA 9:8)

1. Institut virusologii imeni D.I.Ivanovskogo (dir.-prof. P.N.Kosyakov)
 - i Institut neurologii (dir. prof. N.V.Konovalov) AMN SSSR, Moskva
- (NEURONS
of crescents of spinal cord, luminescent microscopy in polio)
(POLIOMYELITIS, pathol.
neurons of crescents of spinal cord, luminescent microscopy)
(MICROSCOPY
luminescent, of neurons of crescents of spinal cord in
polio.)

POPOVA, L.M., kandidat meditsinskikh nauk

Tracheotomy and other measures in the treatment of respiratory disorders in acute poliomyelitis; review of foreign literature. Vest.oto-rin. 18 no.4:70-75 J1-Ag '56. (MIRA 9:9)

(POLIOMYELITIS, surgery.

tracheotomy & other technics in restoring resp.
review (Rus))

(TRACHEA, surgery,

tracheotomy in polio., review (Rus))

POPOVA, L.M., kandidat meditsinskikh nauk (Moskva)

Care after the patients with acute poliomyelitis. Med. sestra 15
no.3:8-15 Mr '56. (MLBA 9:6)
(POLIOMYELITIS) (PEDIATRIC NURSING)

BURAVTSEVA, G.R.; POPOVA, L.M.

Gamma globulin for treating acute poliomyelitis. *Pediatrics* no.3:
43-48 Mr '57. (MIRA 10:10)

1. Iz Instituta nevrologii AMN SSSR (dir. - prof. N.V.Kononov)
(POLIOMYELITIS) (GAMMA GLOBULIN)

Fig. 1A, LM

✓ The distribution of nucleic acids in the nerve cells of the frontal horn of the spinal cord in acute poliomyelitis. M. Popova (Inst. Neurol., Acad. Med. Sci. U.S.S.R., Moscow). *Arkh. Patol.* 19, No. 2, 20-34 (1957). — The content of nucleic acids in the nerve cells of the frontal, cerebrospinal horn changes during the paralytic period of acute poliomyelitis; these changes differ in intensity with the time elapsed from the onset of the paralytic manifestations. During the first 2 days, in the case of man, and up to the 4-5th day in the case of monkeys some increase in the size and no. of the deoxyribonucleic acid (DNA) granules can be observed. After the 8th day of the paralytic period the content of the DNA of the nerve cells returned to its normal level. The ribonucleic acid (RNA) of the cytoplasm of the nerve cells was visibly reduced between the 1st and the 7th day of the paralytic period; the same was true for the content of the RNA of the nucleolus, though to a lesser degree. The content of the cytoplasm of the nerve cells increased after the 7th day in the case of monkeys and after the 9th day in the case of man. In poliomyelitis in man the basophilic inclusions of the nuclei contained RNA, but the reaction for DNA was neg. B. S. Levin

FEDOROVA, N.I.; TARASEVICH, I.V.; SERGEYEVA, A.I.; SHUYAMETUROVA, Ye.D.;
POPOVA, L.M.

Q fever in Daghestan. Zhur.mikrobiol.epid. i immun. 28 no.6:36-39
Je '57. (MIRA 10:10)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN
SSSR i Dagestanskoy respublikanskoy sanitarno-epidemiologicheskoy
stantsii

(Q FEVER, epidemiology,
in Russia (Rus))

POPOVA, L.M.

Fourty International Conference on Poliomyelitis, Geneva, 1957.
Vest.AMNI SSSR 13 no.3:62-67. '58. (MIRA 11:4)
(GENEVA--POLIOMYELITIS--CONGRESSES)

POPOVA, L.M.

Organization of the treatment of patients with respiratory disorder in acute poliomyelitis. Vest.AMN SSSR. 13 no.7:37-45 '58 (MIRA 11:8)

1. Institut neurologii AMN SSSR.
(POLIOMYELITIS, BULBAR, Compl.
resp.disord., ther. (Rus))

POPOVA, L.M., KNYAZEVA, G.R.

Acute poliomyelitis in adults. Sov.med. 22 no.10:77-83
0 '58 (MIRA 11:11)

1. Iz Instituta nevrologii AMN SSSR (dir. - deystvitel'nyy
chlen Akademii meditsinskikh nauk SSSR prof. N.V. Kononov):
(POLIOMYELITIS, statist.
in adults in Russia (Rus))

POPOVA, L.M.; CHERNYAVSKIY, G.A.; BURAVTSEVA, G.R.

Problem of prolonged intratracheal artificial respiration in paralysis of the respiratory muscles. [with summary in French]. Zhur.nevr i psikh. '58 no.2:223-228 '58 (MIRA 11:5)

1. Institut nevrologii (dir. - prof. N.V. Konovalov) AMN SSSR i 1-ya klinicheskaya infektsionnaya bol'nitsa (glavnyy vrach N.A. Zaleskver). Moskva.

(NERVES, SPINAL, diseases,

polyradiculitis causing resp. paralysis, intra-tracheal prolonged artif. resp. (Rus))

(ARTIFICIAL RESPIRATION

intra-tracheal prolonged in resp.paralysis in polyradiculiti (Rus))

POPOVA, L.M. (Moskva)

Apparatus treatment of respiratory disorders in acute poliomyelitis;
a survey of foreign literature. Zhur.nevr.i psikh. 58 no.3:364-372
'58. (MIRA 13:3)

(POLIOMYELITIS, BULBAR, compl.)

resp.disord., ther.appar., review (Rus))

(RESPIRATION

disord. in bulbar polio., ther.appar., review (Rus))

POPOVA, L.M.

Clinical aspects of therapy of respiratory disorders in bulbo-
brachial polio-myelitis [with summary in French].
Zhurnal Nevrol. 9:7:769-777 '58 (MIRA 11:7)

Institut Nevrol. - prof. N.V. Konovalov) AMN SSSR,
Leningrad.

(POLIOMYELITIS, BULBAR, compl.
resp. disord., clin. aspects & ther. (Rus))

POPOVA, L.M., kand.med.nauk

Work of poliomyelitis centers in Denmark and Sweden. Vest. AMN SSSE
14 no.11:73-78 '59. (MIRA 13:3)
(POLIOMYELITIS hosp. & clin.)

POPOVA, L.M., kand. med. nauk.; CHERNYAVSKIY, G.A., kand. med. nauk.

Role of tracheotomy in respiratory disorders in acute poliomyelitis.
Vest. otorin. 21 no.2:67-71 Mr-Apr '59. (MIRA 12:4)

1. Iz Instituta nevrologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. N.V. Kononov) i I Moskovskoy klinicheskoy infektsionnoy bol'nitsy.

(TRACHEA, surg.
tracheotomy in polio (Rus))
(POLIOMYELITIS, BULBAR, surg.
tracheotomy (Rus))

POPOVA, L.M. Dr. Med Sci — (diss) "Respiratory disorders during
acute poliomyelitis, (Clinical and histopathological investigation),"
Moscow, 1960, 20 pp, 300 cop, (Academy of Medical Sciences USSR)
(KL, 45-60, 128)

POPOVA, L.M.

Clinical aspects and treatment of respiratory paralysis in diseases of the nervous system of different etiology. Nauch. inform. Otd. nauch. med. inform. AMN SSSR no.1:65-66 '61
(MIRA 16:11)

Histopathology of the reticular formation in acute polio-myelitis. Ibid.:66-67

1. Institut nevrologii (direktor - deystvitel'nyy chlen AMN SSSR prof. N.V. Kononov) AMN SSSR, Moskva.

*

KHONDKARIAN, O.A.; POPOVA, L.M.; DUBROVSKAYA, V.F.

Clinical aspects and treatment of nervous system disorders in systemic lupus erythematosus. Sov.med. 25 no.12:61-64 D '61. (MIRA 15:2)

1. Iz Instituta nevrologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. N.V.Kononov).
(LUPUS ERYTHEMATOSUS) (NERVOUS SYSTEM DISEASES)

POPOVA, L.M.

Histopathology of the reticular formation in acute poliomyelitis.
Zhur.nevr.i psikh. 61 no.3:321-328 '61. (MIRA 14:7)

1. Institut neurologii (dir. - prof. N.V.Kononov) AMN SSSR,
Moskva.

(POLIOMYELITIS)

(BRAIN)

POPOVA, L.M.; KHONDKARIAN, O.A.; DUBROVSKAYA, V.F.

Clinical aspects and treatment of disorders of respiration
in diseases of the nervous system of different etiology.
Zhur. nevr. i psikh 61 no.8:1117-1121 '61. (MIRA 15:3)

1. Institut nevrologii (dir. - prof. N.V. Konovalov) AMN SSSR,
Moskva.

(NERVOUS SYSTEM—DISEASES)
(RESPIRATION)

POPOVA, L.M.; LOBAN, K.M.; DUBROVSKAYA, V.F.; NAUMENKO, Yu.I. (Moskva)

Use of curarelike preparations in combination with endotracheal
respiration in severe forms of tetanus. Klin.med. no.3:75-80
'62. (MIRA 15:3)

1. Iz otdeleniya neyroinfektsiy (zav. - prof. A.A. Khondkarian)
Instituta nevrologii AMN SSSR (dir. - prof. N.V. Kononov) na
baze 1-y klinicheskoy infektsionnoy bol'nitsy (glavnyy vrach
N.G. Zeleskver), kafedry infektsionnykh bolezney (zav. - prof.
A.F. Bilibin) II Moskovskogo meditsinskogo instituta.
(TETANUS) (ARTIFICIAL RESPIRATION)
(CURARELIKE SUBSTANCES)

POPOVA, L.M.

Work of a respiratory center in the treatment of respiratory disorders in poliomyelitis and in diseases of the nervous system of varying etiology. Vest.AMN SSSR 17 no.7:23-29 '62.

(MIRA 15:10)

1. Institut nevrologii AMN SSSR.

(RESPIRATORY ORGANS--DISEASES)

(POLIOMYELITIS)

(NERVOUS SYSTEM--DISEASES)

KIRPICHNIKOV, P.A.; KUZ'MINSKIY, A.S.; POPOVA, L.M.; SPIRIDONOVA, V.N.

Alkyl aryl esters of pyrocatecholphosphorous acid, new stabilizers
of polymers. Report No.1: Synthesis of alkyl aryl esters of
pyrocatecholphosphorous acid. Trudy KKHTI no.30:47-51 '62.
(MIRA 16:10)

1C

L 33333-65 EFF(c)/EWP(j)/ENT(m)/T/" Pc-L/Pr-4... RM
ACCESSION NR: AP5005156

S/0064/65/000/002/0020/0021

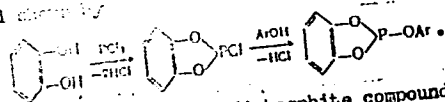
AUTHORS: Gurvich, Ya. A.; Kirpichnikov, P. A.; Tsirul'nikova, N. V.; Zil'man, Yu.
B.; Karpachova, A. I.; Popova, L. M.

TITLE: Preparation of alkylaryl esters of pyrocatechol phosphorous acid as stabilizers of polymer materials

SOURCE: Khimicheskaya promyshlennost', no. 2, 1965, 20-21

TOPIC TERMS: alkylaryl ester, pyrocatechol, phosphorous, acid, thermostabilization

ABSTRACT: A description of a two-stage synthesis of alkylaryl esters, which may become the basis for the introduction of nonstaining thermostabilizers of polymers, is given and shown by



Side reactions result in the formation of diphosphite compounds. In the first step, to 1 mol of pyrocatechol, 1.5 mol of phosphorous trichloride are added through a period of 15 - 20 min. In the second step, to 1 mol of pyrocatechol, 1.5 mol of phosphorous trichloride are added through a period of 15 - 20 min. In the third step, to 1 mol of pyrocatechol, 1.5 mol of phosphorous trichloride are added through a period of 15 - 20 min. Card 1/2

L 33333-65

ACCESSION NR: AP5005156

minutes. The temperature is gradually brought to 90C through 6-7 hours, and to 140C in 2 hours. It is kept there for 10-11 hours. The products of reaction are then distilled. Presence of water during the reaction is beneficial. The second esterification step with phenols or naphthols is performed in inert solvents or without them in enameled steel reactors. The process involves stirring and heating to 120C under bubbling nitrogen. Orig. art. has: 3 figures and 1 formula.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: 00

NO REF SOV: 006

OTHER: 003

Card 2/2

KONOVALOV, N.V.; POPOVA, L.M.; KHONDKARIAN, O.A.

Subacute anterior poliomyelitis. Report No. 1: Clinical aspects
of subacute poliomyelitis. Zhur.nevr.i psikh. 62 no.8:1121-
1136 Ag '62. (MIRA 15:12)

1. Institut nevrologii (dir. - prof. N.V.Konovalev) AMN SSSR,
Moskva.

(POLIOMYELITIS)

KONOVALOV, N.V.; POPOVA, L.M.; KHONDKARIAN, O.A.

Subacute anterior poliomyelitis. Report No.2: Histopathology
of subacute anterior poliomyelitis. Zhur. nevr. i psikh. 62
no.12:1753-1768 '62 (MIRA 16:11)

*

POPOVA, Lyubov' Mikhaylovna; RAVKIND, B.M., red.

[Clinical aspects and treatment of respiratory disorders in diseases of the nervous system] Klinika i lechenie rasstroistv dykhaniia pri zabolevaniakh nervnoi sistemy. Leningrad, Meditsina, 1965. 342 p.

(MIRA 18:2)

POPOVA, L.M.; SIDOROVSKAYA, M.D.; CHUKHROVA, V.A.

Effect of changes in the gaseous content in blood on the electric activity of respiratory muscles and brain in patients having been a long time under artificial respiration. Zhur. nevr. i psikh. 65 no.12:1810-1817 '65. (MIRA 19:1)

1. Institut nevrologii (direktor - prof. N.V. Konovalov) AMN SSSR, Moskva. Submitted July 29, 1964.

L 10373-67 BWP(5)/BWT(m) RM

ACC NR: AP7003057

SOURCE CODE: UR/0079/66/036/006/1143/1147

AUTHOR: Kirpichnikov, P. A.; Popova, L. M.; Richmond, G. Ya.

ORG: Chemicotechnological Institute (Kazanskiy khimiko-tekhnologicheskii institut)

TITLE: Synthesis of alkyl(dialkyl)pyrocatecholphosphites

SOURCE: Zhurnal obshchey khimii, v. 36, no. 6, 1966, 1143-1147

TOPIC TAGS: organic synthetic process, organic phosphorus compound

ABSTRACT: A series of alkyl- and dialkylpyrocatecholchlorophosphites, as well as esters of substituted pyrocatecholphosphorous acids, were synthesized and described for the first time. The esters of alkylpyrocatecholphosphorous acid were produced by reaction of alkylpyrocatecholmonochlorophosphite with various alcohols and phenols. The starting materials were synthesized by alkylation of monohydric phenols; optimum conditions, ensuring high yields of 3,5-ditert-butyl- and 3,5-diter-amyipyrocatechol were found. Orig. art. has: 4 tables. [JPRS]

SUB CODE: 07 / SUBM DATE: 20May65 / ORIG REF: 008 / OTH REF: 004

Card 1/1 JB

UDC: 547.26'118

POPOVA, L.M.

Hydrogeochemical method of prospecting for complex metal deposits
in carbonate rocks. Geol. i geofiz. no.7:125-130 '65. (MIRA 18:9)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR,
Novosibirsk.

SEPAFIMOV, L.A.; TIMOFEEV, V.S.; MOZHUKHIN, A.S.; POPOVA, L.M.;
CHIRIKOVA, Z.P.; TYURIKOV, I.D.

Study and calculation of the rectification process of multicomponent
mixtures by the separated vapors of the components. Khim. prom. 41
no.1:42-45 Ja '65. (MIRA 18:3)

GURVICH, Ya.A.; KIRPICHNIKOV, P.A.; TSIRUL'NIKOVA, N.V.; ZIMIN, Yu B.;
KARPYCHEVA, A.I.; POPOVA, L.M.

Preparation of alkyl aryl esters of pyrocatechin phosphates, stabilizers
for polymeric materials. Khim. prom. 41 no.2:20-21 F '65. (MIRA 18:4)

L 54825-65 EWT(1)/EWA(j)/T/EWA(b)-2 BW/RO

ACCESSION NR: AP5017952

UR/0246/64/064/009/1316/1321

AUTHOR: Popova, L. M.

TITLE: Pathogenesis and treatment of respiratory disturbances in intoxication by organophosphorus insectofungicides (thiophos)

SOURCE: Zhurnal nevropatologii i psikiatrii, v. 64, no. 9, 1964, 1316-1321

TOPIC TAGS: fungicide, biologic ecology, nervous system, toxicology, poison effect

Abstract: Thiophos is a neurotropic poison, with a strongly pronounced muscarine-like action. Human can be poisoned by this chemical by inhaling it while working with farm crops, during industrial production, and in accidental ingestion. Thiophos causes generalized damage to the nervous system with the chief harm done to functions of the brainstem sections. The process resembles toxic encephalopathy or meningo-encephalopathy. In Soviet literature, the clinical aspects and pathogenesis of respiratory disturbances in thiophos poisonings, and also the methods of treating respiratory disorders are scarcely dealt with. This report presents material on these problems. Changes in the acid base equilibrium

Card 1/2

L 54825-65

ACCESSION NR: AP5017952

in the thiophos poisoning patient are analyzed. From the study made of one poisoning case, it can be concluded that prominent in the pathogenesis of respiratory disturbances in thiophos poisoning is disruption in the mechanisms of central respiratory control, which develop only while the patient is unconscious and, probably, are caused by severe suppression of the cortical functions. Direct damage to the respiratory center in thiophos poisoning probably does not occur. This is evidenced by the response of the respiratory center to hyperventilation. It can be observed that hypocapnia ($pCO_2 = 26-68$ mm Hg) and respiratory alkalosis ($pH = 7.48-7.52$), produced by using hyperventilation, results in a suppression of the respiratory center functions and an inhibition in respiration itself, as usually is observed in the normal state. We employed this response of the respiratory center to eliminate the specifically inadequate respiration of the patient and replace it by the more precisely metered respiration. Orig. art. has 1 table.

ASSOCIATION: Institut nevrologii AMN SSSR, Moscow (Institute of Neurology, AMN SSSR)

SUBMITTED: 19Aug63

ENCL: 00

SUB CODE: LS

NO REF SOV: 006

OTHER: 000

JPES

Card 2/2 *1/2*

KIRICHNIKOV, P.A.; POPOVA, L.M.

Synthesis and properties of alkyl aryl esters of pyrocatechol-
phosphorous acid. Zhur. ob. khim. 35 no.6:1026-1027 Je '65.
(MIRA 18:6)

1. Kazanskiy khimiko-tekhnologicheskiy institut imeni Kirova.

POPOVA, L.M.; DUNOV'SKAYA, V.V.

Clinical aspects and treatment of respiratory disorders in myasthenia.
Zhur. nevr. i psikh. 62 no.11:1573-1578 '64.

(MIRA 18:6)

1. Institut neurologii (direktor - prof. N.V. Kononov) AMN SSSR,
Moskva.

POFOVA, I.M.

Pathogenesis and treatment of respiration disorders in poisoning
with phosphorus organic insectofungicides (thiophos). Zhur. nevr.
i psikh. 64 no.9:1316-1321 '64. (MIRA 11 12)

1. Institut neurologii (direktor - prof. N.V. Kononov) AMN
SSSR, Moskva.

MATVEYEVA, Ye.N.; KIRPICHNIKOV, P.A.; KREMEN', M.Z.;
OBOL'YANINOVA, N.A.; LAZAREVA, N.P.; POPOVA, L.M.

Alkylaryl esters of pyrocatechin phosphorous acid as the new
stabilizers of polymers. Plast. massy no.2:37-39 '64.
(MIRA 17:8)

POPOVA, L.M.

A semigroup of partial endomorphisms of a set with a relation.
Uch.zap.Ped.inst.Gerts. 238:49-77 '62. (MIRA 16:4)
(Groups, Theory of) (Aggregates)

POPOVA, L.M.

Determining correlations of a semigroup of partial endomorphisms
of a finite linearly ordered set. Uch.zap.Ped.inst.Gerts.
238:78-88 '62. (MIRA 16:4)
(Groups, Theory of) (Aggregates)

POPOV, V.V.; POPOVA, L.M.

Optimal reflux-to-product ratio during rectification. Khim.
i tekhn. topl. i masel 8 no.10:1-3 0 '63. (MIRA 16:11)